

FIG. 1

FIG. 2A

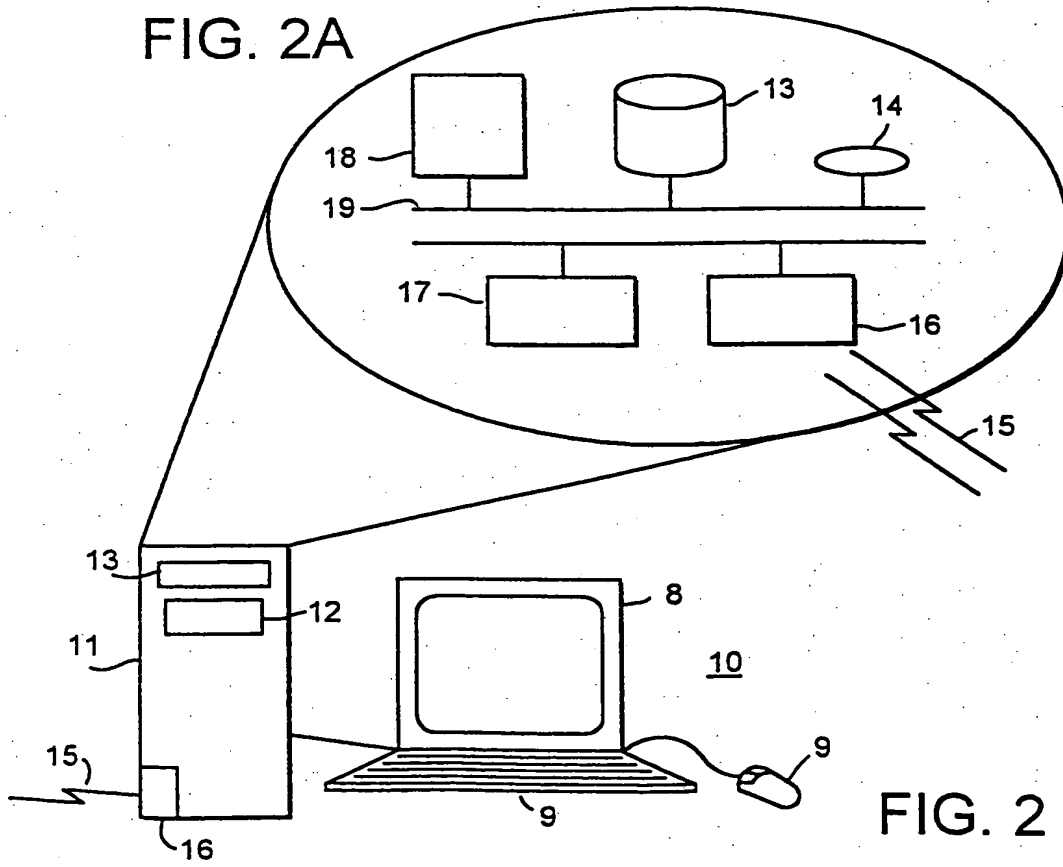


FIG. 2

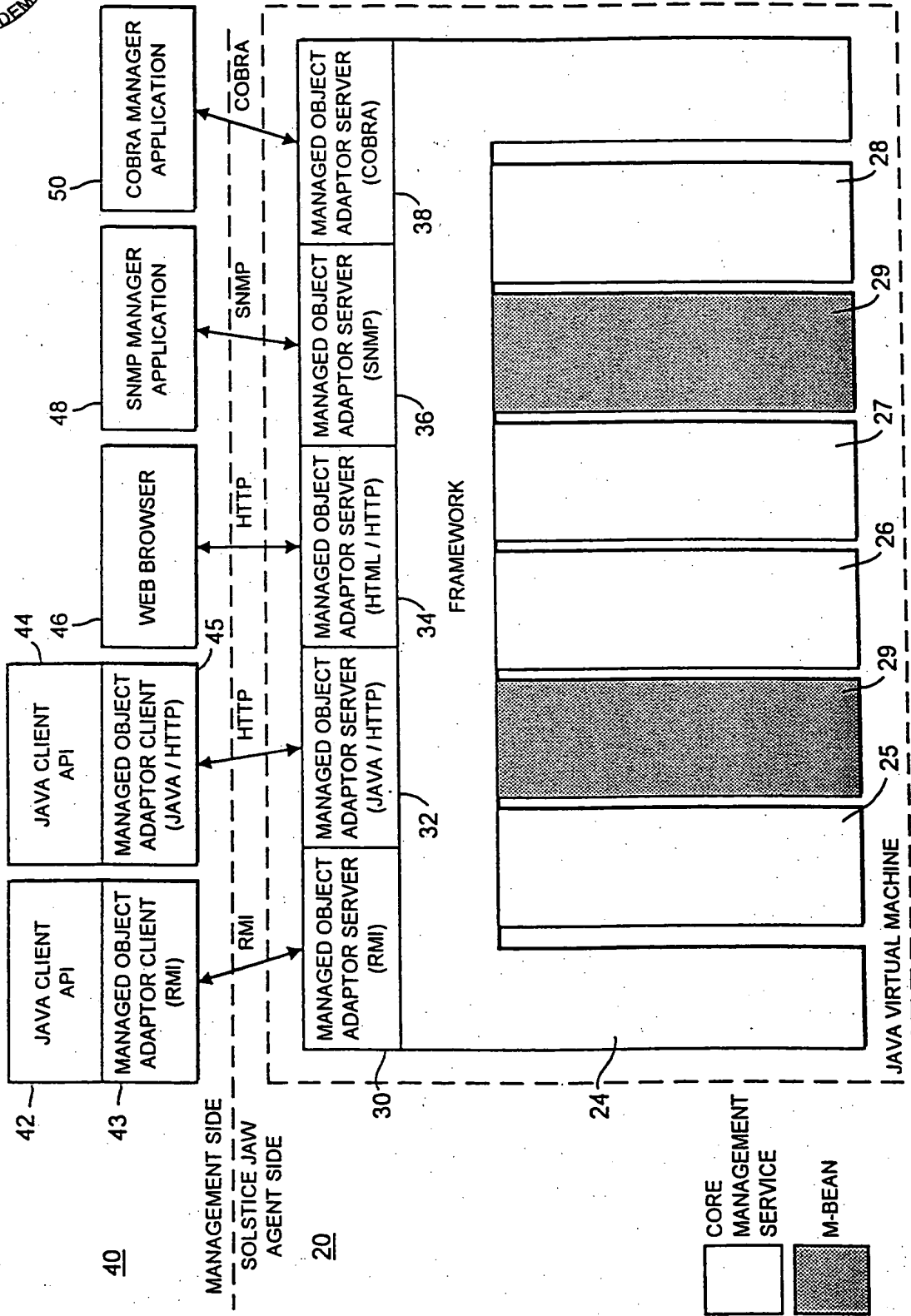
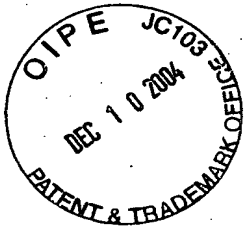


FIG. 3

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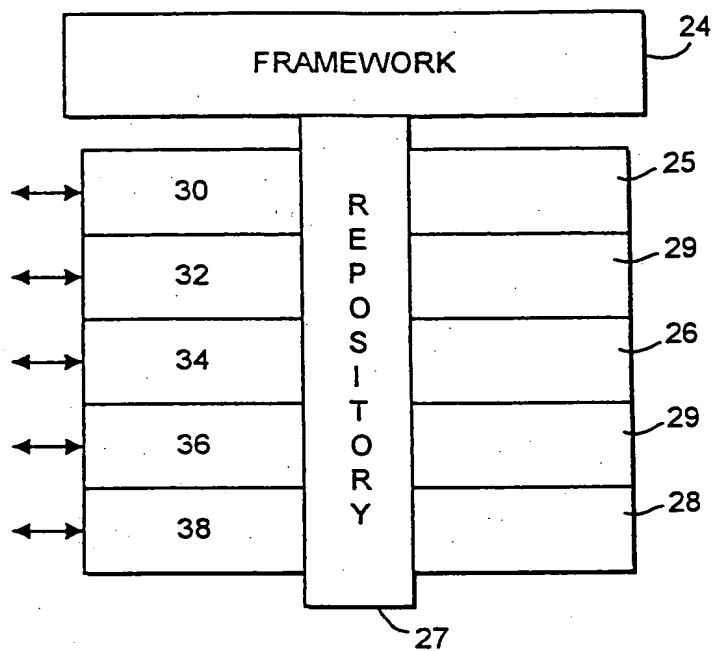


FIG. 4

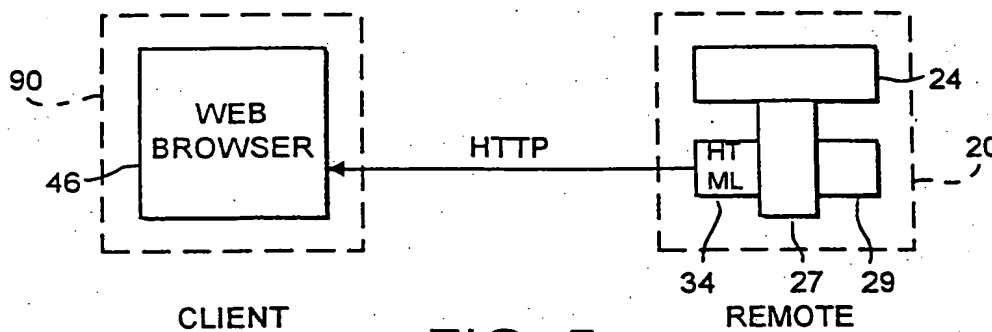


FIG. 5

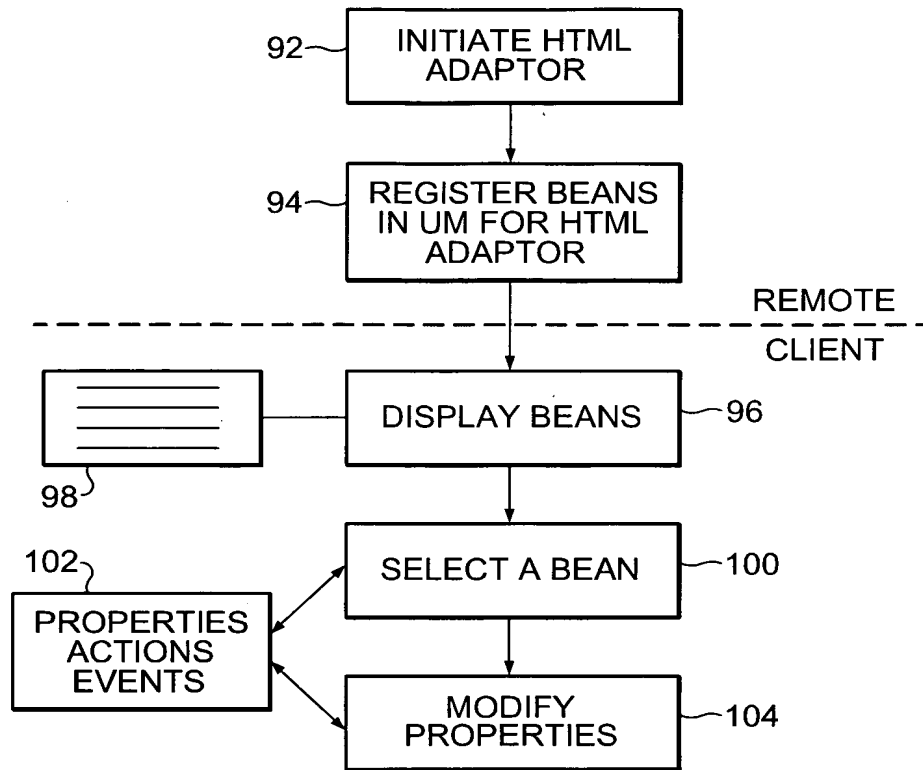


FIG. 6

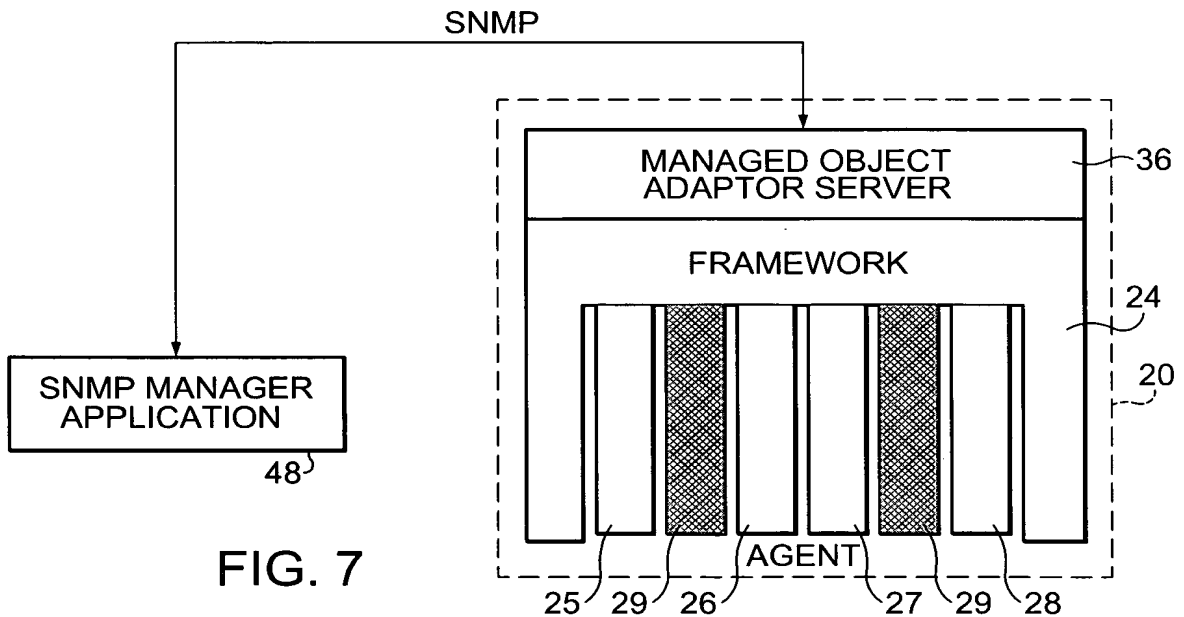


FIG. 7

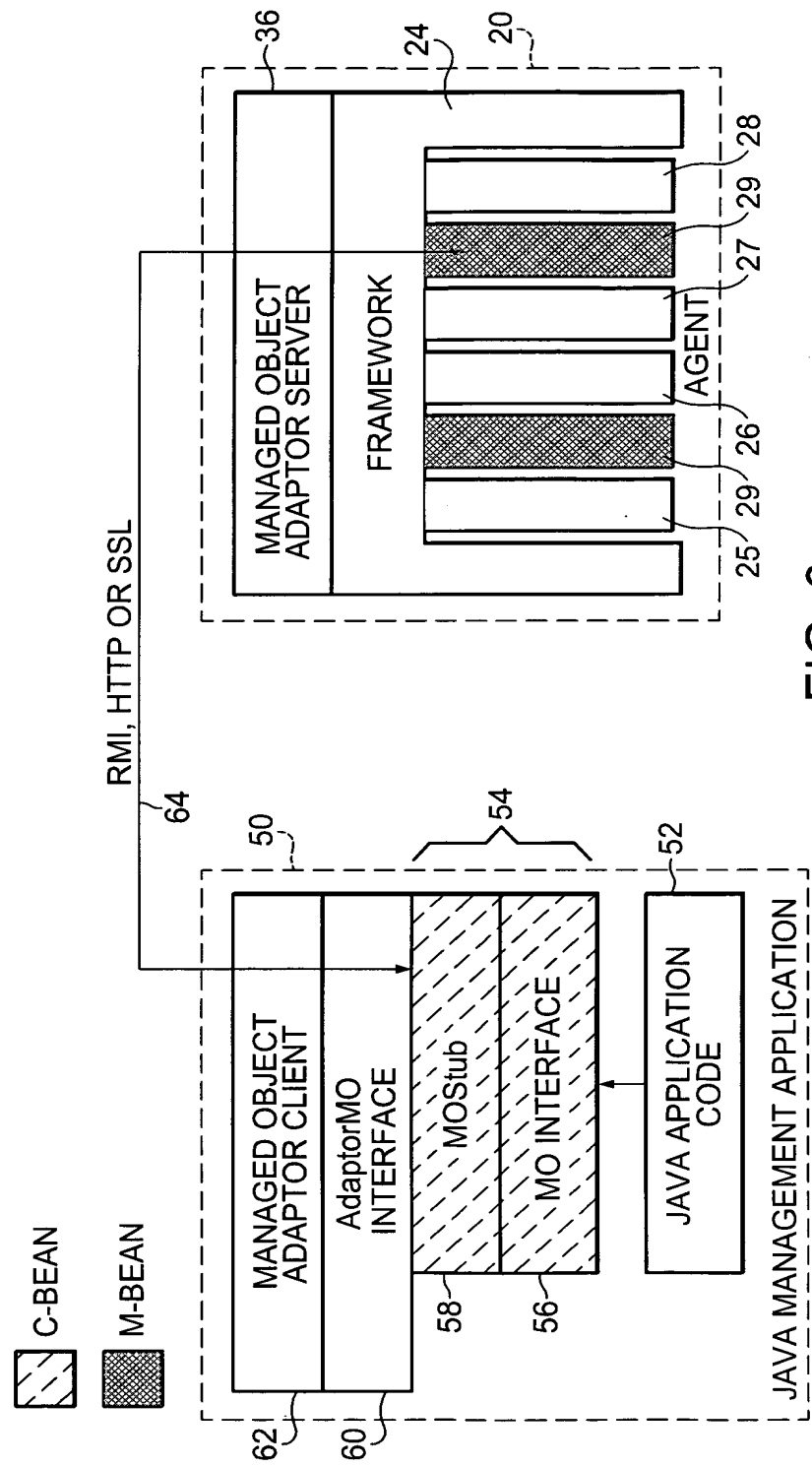


FIG. 8

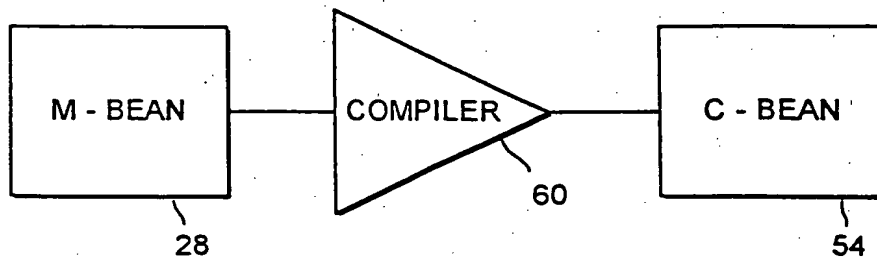


FIG. 9

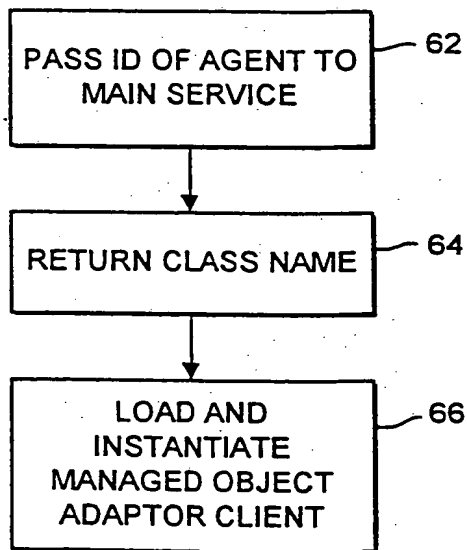


FIG. 11

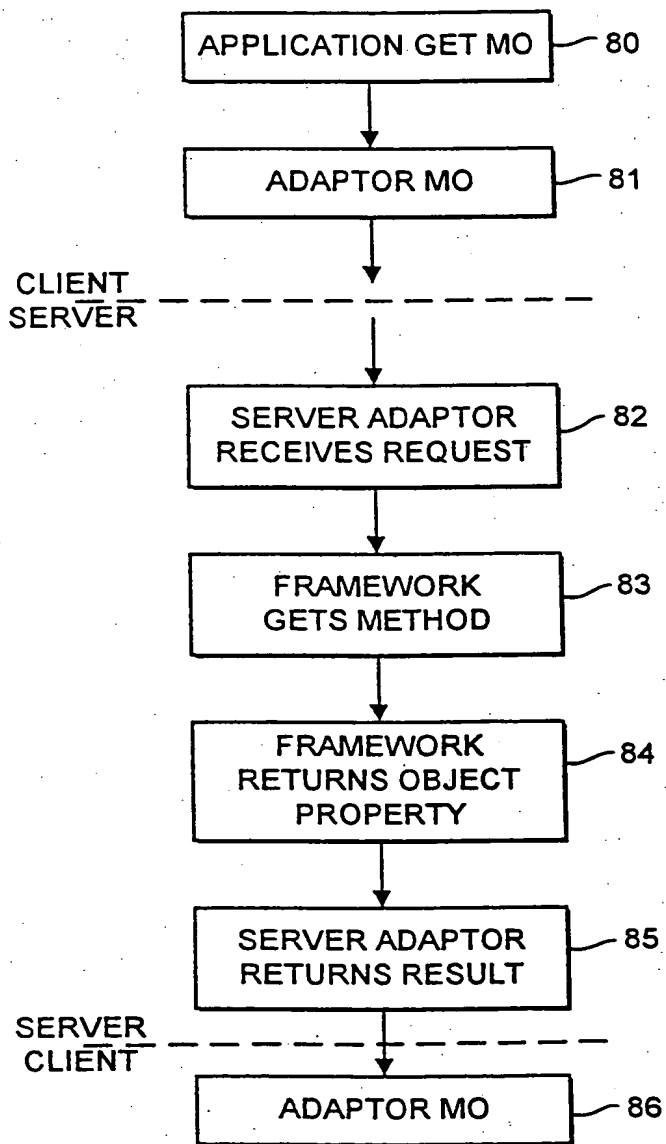


FIG. 10

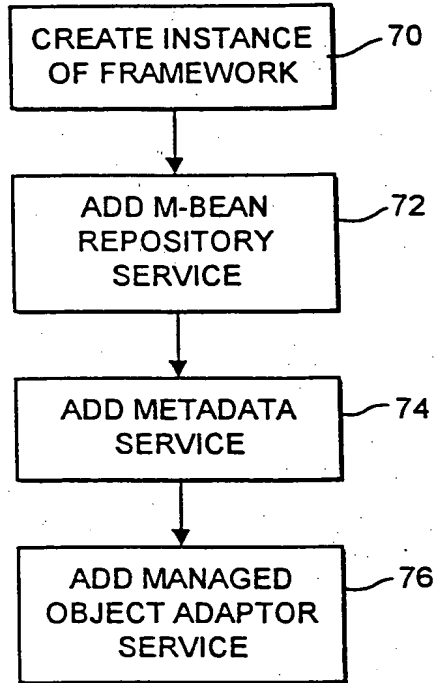
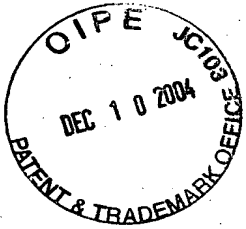


FIG. 12

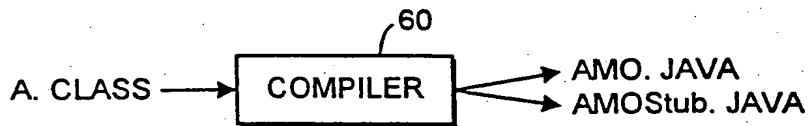


FIG. 13

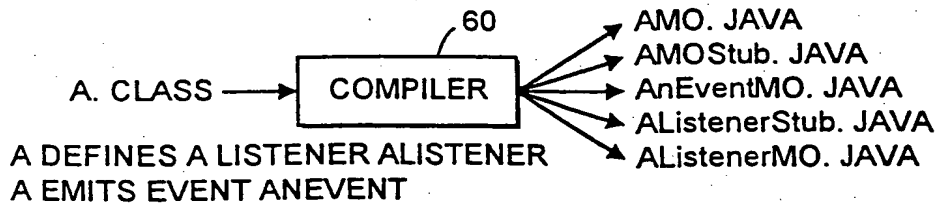


FIG. 14





```
package sunw.jaw.example.mo.Simple;
/**
 * Generated by mogen Compiler version;
 *   @ (#) Main.java 1.11 97/05/16 SMI
 */
import java.jaw.common.*;
import java.jaw.client.mo.*;

public interface SimpleMO extends ManagedObject {
    public String getState()
        throws InstanceNotFoundException, CommunicationException,
        IllegalAccessException, ServiceNotFoundException,
        PropertyNotFoundException;

    public Integer getNbChanges ()
        throws InstanceNotFoundException, CommunicationException,
        IllegalAccessException, ServiceNotFoundException,
        PropertyNotFoundException;

    public void setState (String value)
        throws InstanceNotFoundException, CommunicationException,
        IllegalAccessException, ServiceNotFoundException,
        PropertyNotFoundException, InvalidPropertyValueException,
        InstantiationException, ClassNotFoundException;
}
```

FIG. 15A



```
package sunw.jaw.example.mo.Simple;

/**
 * Very simple of definition of a Beans MO
 * No special import required.
 */

public class Simple implements java.io.Serializable {
    private String state;
    private Integer nbChanges;

    public Simple () {
        state      = "construct";
        nbChanges = new Integer (0);
    }

    public String getState () {
        return (state);
    }

    public void setState (String s) {
        state = s;
        nbChanges = new Integer (nbChanges.intValue () + 1);
    }

    public Integer getNbChanges () {
        return (nbChanges) ;
    }
}
```

FIG. 15B



```
....  
public interface simpleMBeanMO extends ManagedObject {  
....  
public Boolean performReserve (integer p0)  
    throws InstanceNotFoundException, CommunicationException,  
    IllegalArgumentException, ServiceNotFoundException,  
    NoSuchMethodException;  
  
public void performReverse()  
    throws InstanceNotFoundException, CommunicationException,  
    IllegalArgumentException, ServiceNotFoundException,  
    NoSuchMethodException;  
  
....  
}
```

FIG. 16A

```
....  
public class simpleMBean implements java.io.Serializable {  
...  
public void performReverse () {  
    StringBuffer buf = new StringBuffer (name);  
  
    name = buf.reverse ().toString ();  
}  
  
public Boolean performReserve (integer nFirst) {  
    StringBuffer buf = new StringBuffer ();  
    int n = nFirst.intValue();  
  
    if(name.length () < n + 1) {  
        return (new Boolean (false));  
    }  
  
    buf.append (name.substring (0, n));  
  
    name = new String (buf.reverse ().toString () +  
name.substring (n));  
    return (new Boolean (true));  
}  
...  
}
```

FIG. 16B

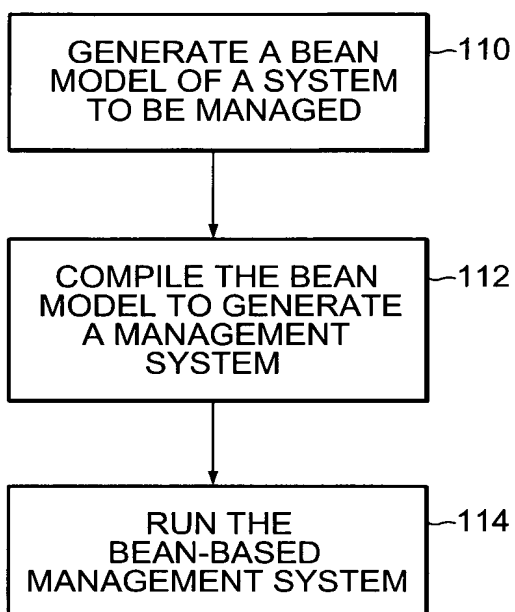


FIG. 17